

SAFETY DATA SHEET

11/2/05

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Dow AgroSciences Limited
Latchmore Court
Brand Street
Hitchin
Herts SG5 1NH

Emergency Telephone Number: +44(0)1553 761 251

Product Name: **FLEXIDOR* 125 HERBICIDE : MAPP 10946 (PCS 00638)**

LV70: 60608

Issue Date: June 94

Ref: H8512

Revised: Nov. 04 (Section(s) 3, 15 & 16)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Dangerous components (see section 16 for complete R-phrases):

Isoxaben	12.5 %	R53	CAS	EC No
Inert ingredients	Balance		82558-50-7	407-190-8
Composition Code	000491			

3. HAZARDS IDENTIFICATION

This product is not classified as dangerous according to EC criteria.

4. FIRST-AID MEASURES

Never give fluids or induce vomiting if patient is unconscious or is having convulsions.

Ingestion

Do not induce vomiting. Call a physician. The decision of whether to induce vomiting or not should be made by a physician.

Eye Contact

Irrigate immediately with water for at least 5 minutes.

* Trademark of Dow AgroSciences

SAFETY DATA S H E E T

11/2/05

FLEXIDOR* 125 HERBICIDE: MAPP 10946 (PCS 00638)

Skin Contact

Wash skin thoroughly with soap and water.

Inhalation

Remove to fresh air. Consult a physician.

Note to Physician

No known antidote, however due to the low acute oral toxicity it is unlikely that one would be required. Supportive care. Treatment based on judgement of physician in response to symptoms of patient.

5. FIRE-FIGHTING MEASURES**Extinguishing Media**

Water fog or fine spray. Carbon dioxide. Dry chemical fire extinguishers. Foam.

Hazardous Combustion Products

During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating.

Protection of Firefighters

Wear protective clothing and use self-contained breathing apparatus.

Additional Information

Keep containers cool by spraying with water. Contain run-off to prevent entry into water or drainage systems.

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions**

Wear appropriate safety clothing and eye/face protection (see Section 8).

Environmental Precautions

Do not wash into sewers or into any body of water. Advise water authority if spillage has entered water course or drainage system.

Methods of Cleaning Up

Soak up with sand or other non-combustible absorbent material and place into containers for disposal. For large spills, barricade area and consult manufacturer. If further assistance is required, telephone the emergency contact number.

SAFETY DATA S H E E T

11/2/05

FLEXIDOR* 125 HERBICIDE: MAPP 10946 (PCS 00638)

7. HANDLING AND STORAGE

Handling

Use good personal hygiene. Do not consume or store food in the work area. Wash hands and exposed skin before eating, drinking or smoking and after work.

Storage

Product should be stored in compliance with local regulations. Store in a cool, dry, well-ventilated place in the original container. Protect from excessive heat and cold. Do not store near food, drink, animal feeding stuffs, pharmaceuticals, cosmetics or fertilisers. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

None established.

Engineering Controls

Good general ventilation should be sufficient.

Respiratory Protection

No respiratory protection should be needed.

For emergency conditions, use an approved positive-pressure self-contained breathing apparatus.

Hand/Skin Protection

Wear clean, long-sleeved, body-covering clothing. Use gloves chemically resistant to this material when prolonged or frequently repeated contact could occur.

For emergency conditions: Use protective clothing impervious to this material.

Eye/Face Protection

Use safety glasses. Where contact with the liquid is likely, chemical goggles are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Colour	: milky white
Rel. density (water=1)	: 1.00-1.06 (20 deg.C)
Boiling point/range	: >100 deg.C
pH	: 7.0 (1% aqueous suspension)
Water solubility	: miscible
Flash point	: none

SAFETY DATA SHEET

11/2/05

FLEXIDOR* 125 HERBICIDE: MAPP 10946 (PCS 00638)

10. STABILITY AND REACTIVITY

Chemical Stability

Is stable under normal storage conditions.

Conditions to Avoid

Avoid extremes of temperature.

Materials to Avoid

Strong basic, acidic or oxidising materials.

Hazardous Decomposition Products

None under normal conditions of storage and use.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Assessment largely or completely based on data for active ingredient.

Ingestion

Very low toxicity if swallowed.

The estimated oral LD₅₀ for rats is >10000 mg/kg.

Skin Contact

The estimated dermal LD₅₀ for rats is >2000 mg/kg.

Prolonged skin contact is unlikely to result in absorption of harmful amounts.

Essentially non-irritating to the skin.

Eye Contact

May cause slight eye irritation.

Inhalation

No adverse effects anticipated by this route of exposure incidental to proper handling.

12. **ECOLOGICAL INFORMATION** Assessment largely or completely based on data for active ingredient.

Persistence and Degradability

Undergoes microbial degradation in the soil. In soil, the half-life is approximately 150-180 days. There is no evidence of any significant leaching, therefore it is unlikely to contaminate ground water.

Aquatic Toxicity

Toxicity to aquatic species occurs at concentrations greater than the water solubility.

SAFETY DATA S H E E T

11/2/05

FLEXIDOR* 125 HERBICIDE: MAPP 10946 (PCS 00638)

Avian Toxicity

Material is practically non-toxic to birds on an acute basis (LD₅₀ >2000 mg/kg).

13. DISPOSAL CONSIDERATIONS

Do not contaminate ponds, waterways or ditches with chemical or used container. Wash out thoroughly. Container and washings must be disposed of safely and in accordance with applicable regulations. The preferred options are to send to licensed reclaimer or to permitted incinerators. Do not re-use container for any purpose.

14. TRANSPORT INFORMATION

Product is not classified for any mode of transportation.

15. REGULATORY INFORMATION

Hazard Symbol : None required

Risk Phrases : None required.

Safety Phrases : None required.

Refer to the Product Label for full Local Regulatory Authority label precautions.

16. OTHER INFORMATION**Risk-phrases in Section 2**

R53 - May cause long-term adverse effects in the aquatic environment.

The information herein is given in good faith and to the best of our knowledge but no warranty, express or implied is made.